

ABSTRACT

To supply a pivot assembly that narrows the gap of the seal member as much as possible and can effectively restrain the diffusion of gas and dirt from the inside, and, moreover, can also solve the problem of out gas from a hub cap. A pivot assembly that has mated ball bearings 2 to both ends of a shaft 1, and to the outer circumferences of these ball bearings 2 a spacer 31 has mated a sleeve 3 disposed between both ball bearings 2, and has provided a hub cap 4 member that covers the outside end face of the ball bearings at one end of the shaft 1. The hub cap 4 is laser welded to the outer circumference of the shaft 1 and the inner circumference of the sleeve 3, and after laser welding, is thin-width cut by a laser along the entire circumference at the radial middle part.